

WHAT IS CLAIMED IS:

1 1. A wireless control system for wireless control of a remote
2 electronic system, comprising:
3 a trainable transmitter circuit configured to transmit a wireless
4 control signal having control data which will control the remote electronic
5 system;
6 an receiver circuit configured to receive a wireless status signal
7 including status data for the remote electronic system sent in response to the
8 wireless control signal; and
9 a control circuit coupled to the trainable transmitter circuit and
10 the receiver circuit configured to transmit the wireless control signal through
11 the trainable transmitter circuit and to receive the wireless status signal
12 through the receiver circuit.

1 2. The wireless control system of Claim 1, further comprising a
2 vehicle interior element coupled to the transmitter circuit and the control
3 circuit, wherein the wireless control system is configured for mounting in a
4 vehicle interior.

1 3. The wireless control system of Claim 2, wherein the vehicle
2 interior element is an overhead console, a visor, or an instrument panel.

1 4. The wireless control system of Claim 1, wherein the control
2 circuit is configured to enter a listening mode after transmitting the wireless
3 control signal to receive the wireless status signal.

1 5. The wireless control system of Claim 4, wherein the control
2 circuit is configured to retransmit the wireless control signal if the wireless
3 status signal has not be received within a specified time after entering the
4 listening mode.

1 6. The wireless control system of Claim 1, wherein the receiver
2 circuit is further configured to receive a wireless signal, wherein the control
3 circuit is configured to identify and store a data code on the wireless signal,
4 and wherein the wireless control signal transmitted by the trainable transmitter
5 circuit includes the stored data code.

1 7. The wireless control system of Claim 1, wherein the wireless
2 control system further includes a display configured to display an indicia based
3 on the contents of the wireless status signal.

1 8. The wireless control system of claim 7, wherein the display is a
2 light emitting diode.

1 9. The wireless control system of claim 8, wherein the light
2 emitting diode is configured to display different colors based on the contents
3 of the wireless status signal.

1 10. The wireless control system of claim 1, wherein the remote
2 electronic system is a garage door opener.

1 11. The wireless control system of claim 10, wherein the wireless
2 status signal is an indication that a garage door has successfully closed.

1 12. A method of receiving status information from a remote
2 electronic system, comprising:

3 training a trainable transceiver to transmit a wireless control
4 signal;

5 sending the wireless control signal to control the remote
6 electronic system; and

7 receiving a wireless status signal from the remote electronic
8 system in response to the transmittal of the wireless control signal.

2 13. The method of Claim 12, wherein sending a wireless control
3 signal includes actuating the trainable transceiver configured to transmit the
4 wireless control signal.

1 14. The method of Claim 12, further including displaying an indicia
2 representative of the contents of the wireless status signal.

1 15. The method of Claim 14, wherein displaying an indicia includes
2 actuating a light emitting diode.

1 16. The method of Claim 12, further comprising training the trainable
2 transceiver by receiving a wireless signal having a data code and identifying
3 and storing the data code on the wireless signal, whereby the wireless control
4 system can wirelessly control the remote electronic system by transmitting the
5 data code of the wireless signal.

1 17. A wireless control system, comprising:
2 a computer coupled to a vehicle interior element;
3 a transmitter and receiver in communication with the computer,
4 the transmitter being configured to transmit a wireless control signal having
5 control data which will control a garage door opener, the receiver being
6 configured to receive a wireless status signal in response to the wireless
7 control signal and including status data for the garage door opener; and
8 a control program operative on the computer, the control
9 program configured to transmit the wireless control signal and to receive data
10 from the wireless status signal.

1 18. The wireless control system of claim 17, wherein the wireless
2 status signal is an indication that a garage door has successfully closed.

1 19. The wireless control system of Claim 17, wherein the vehicle
2 interior element is an overhead console, a visor, or an instrument panel.

1 20. The wireless control system of Claim 17, wherein the control
2 program is configured to enter a listening mode after transmitting the wireless
3 control signal to receive the wireless status signal.

1 21. The wireless control system of Claim 20, wherein the control
2 program is configured to retransmit the wireless control signal if the wireless
3 status signal has not be received within a specified time.

1 22. The wireless control system of Claim 17, wherein the receiver is
2 configured to receive a wireless signal, wherein the control program is
3 configured to identify and store a data code on the wireless signal, wherein
4 the wireless control signal transmitted by the transmitter includes the stored
5 data code.

1 23. The wireless control system of Claim 17, wherein the computer
2 further includes a display configured to display an indicia based on the
3 contents of the wireless status signal.

1 24. The wireless control system of claim 23, wherein the display is a
2 liquid crystal display.

1 25. The wireless control system of claim 24, wherein the liquid
2 display is configured to display an alphanumeric message based on the content
3 of the wireless status signal.

1 26. The wireless control system of claim 25, wherein the wireless
2 status signal is an indication that a garage door has successfully closed.